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Date: 7/12/2013 11:28 AM
Subject: Daily Report - conclusion of High Flow Event #2

The second High Flow small volume CWCM sampling event was concluded on Thursday and Friday, June 20-21, 2013. The following email summarizes the last two days of sampling activities.

Lower Passaic River and Hackensack River

The Lower Passaic River stations (Dundee Dam, RM 10.2, RM 6.7, RM 4.2, RM 1.4 and RM 0) and the Hackensack River were collected on the morning on Monday, June 20, 2013. Per the QAPP, Dundee Dam was sampled twice on Monday during the falling limb.

An MS/MSD was collected during the first falling limb sample above Dundee Dam.

Newark Bay

The Newark Bay stations (Newark Bay North [NBN], Newark Bay South [NBS], Newark Bay East [NBE], Newark Bay Northeast [NNE], and Newark Bay Northwest [NNW]) were sampled on a schedule developed using the predicted hydrograph from the Passaic River at Little Falls with a correction for delay based on flows and tide stage, consistent with the field modification submitted in May. Moffat and Nichol estimated a 23 hour delay in sampling for the Bay stations.

Louis Berger split samples on the falling limb at NBS and NBN.

One team collected an MS/MSD at Newark Bay East and a field duplicate was collected at Newark Bay Northwest.

Due to the Force Majeure issued on June 10, 2013, no low tide samples were collected from Arthur Kill or the Kill van Kull. No specific request was made to sample these stations during low tide of the falling limb. As such, there are no low tide samples collected from the Arthur Kill or Kill van Kull. A nonconformance report will be written.

Hydrograph

Rain continued to fall in the study area during the weekend of June 15-16, 2013. The hydrograph remained steady and high. After consultation with the CPG modeling team, it was decided that sampling could occur as soon as the hydrograph fell below the sampled peak at Little Falls (3430 cfs). Flows at Little Falls fell below 3400 cfs by June 20, 2013 at 01:45 .

Planned Activities

High Flow Event #2 is complete.

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